

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [3677] Addresses/applications for QRP clubs
Message-ID: <199601312343.SAA78048@nss2.CC.Lehigh.EDU>

I'm sure of getting many replies to this message.

Could someone e-mail to me, the addresses/application forms for the following QRP clubs:

NorCal
QRP-ARCI
NW
NE
MI
CQC
G-QRP
BC

or any others of interest?

I have all of this information, *somewhere,* but finding it is another matter. I had a nice letter from a gentleman at CQC inviting me to join, but it's among the others in the mess.

Thanks in advance, and 72/73

de Jim - KF6CR

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Michael Effron <meffron@acy.digex.net>
Subject: [3630] Antenna Dilemma
Message-ID: <Pine.SUN.3.91.960131051803.5161A-1000000@acy1.digex.net>

After many years of excellent service, my 80 mtr. center-fed, tuned doublet met an unfortunate end. It's 450 ohm feed got tangled in a tree limb at the 50 ft. level during an horrendous wind storm forcing me to dismantle the complete installation.

I'm posting to this group (hopefully not too much off-topic...as my main radio is an HW-8) for insight and suggestions to replace my beloved doublet. As attached as I was to that work-horse of a wire, I feel the time for a change may be imminent (perhaps it's destruction was a sign...change IS a good thing...right??).

I'd like to install another wire with the requirements being able to work at least 80 to 10 mtrs. (160 would be bonus). I would like to avoid having too sharp a pattern favoring a certain direction (truly omni would be the ideal). I could work with coax or 450 ohm ladder line and, with a bit of luck and good aim, could get the supports at the 60 ft. level. I'm particularly researching loops, both horizontal and vertical.

Any suggestions from the readers would be graciously accepted.

Thanks and 73 - Mike.

<< Michael Effron >> QRP ARCI #9018

meffron@acy.digex.net = Internet
ka2pqy@nx2b.ampr.org = Amateur Radio TCP/IP

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [3690] Bicoastal fox night 2nd reminder
Message-ID: <9602010325.AA21336@voicenet.com>

Gang,

Hope this makes the Weds night digest. Sorry but e-mail server hanging up.

Yours truly, N2CX will be on 7.11 from 9:00 pm EST to 9:15 pm EST looking for foxhunters. Then 9:15 to 11 pm EST on 7.04. Or perhaps as high as 7.045, depending on local noise. See Monday's posting for details.

The from 9 pm PST to 11 pm PST, Stan N6ULU will hold forth from the other coast.

Double your pleasure, double your fun.

CU there!
72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "Jim Kortge, NU8N" <jokortge@sun.tir.com>
Subject: [3688] Cascade Modifications

Message-ID: <9602010244.AA06101@tir.com>

Cascade builders, this one's for you!!!

Cascade Microphone Circuit Modifications

I have discovered that the microphone amplifier in my Cascade was not operating properly. The audio on the output of U3 (pin 8) was badly distorted and contained r.f components, which shouldn't be there. I was not able to determine their source, but think they were being generated within U3, the SL6270C microphone amplifier IC. I have made the following modifications to rid that part of the circuitry of suprious r.f. signals.

- 1) Parallel R2 with a 0.001 uF ceramic disc capacitor.
- 2) Parallel R5 with a 0.01 uF ceramic disc capacitor.
- 3) Connect a 0.01 uF ceramic disc capacitor between pins 3 and 6 of U3 (across the supply rails).
- 4) Connect a 0.001 uF ceramic disc capacitor between pins 8 and 6 of U3 (output to ground).
- 5) Put a 1/4 inch long, type 73 ferrite bead on the R62 lead that connects to pin 8 of U3. Your may have to re-orient R62 to get the bead on the correct end.

These changes should vastly improve your audio, (yes, mine sounded good too, but now it's teriffic) but maybe of greater benefit, the power output on 40 and 17 meters went up at least 3 watts. I am now running 13 watts on 40 and 10 watts on 17. Well worth the time!

Any feedback would be appreciated.

72....Jim Kortge, NU8N

Jim Kortge, NU8N		Bicycle Mobile Hams
jokortge@tir.com	__o	of America
Fenton, MI	_`\<,	Mizuho 17m/40m QRP SSB
.. .. .	(*)/(*)

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccl.com>
Subject: [3640] correction to R/S DSP
Message-ID: <199601311452.AA20867@aplo1.spd.dsccl.com>

QRP-ers,

Yesterday I reported that I paid \$39.95 for my R/S DSP. I am sorry to report that number is not correct. I paid \$49.95. I am sorry if this caused anybody any problem.

I also forgot to mention that I am not a R/S employee.

73, Charles
KC5SNU (Joe says, "It'snu call!")

OBTW: I have an antenna tuner "on-order". It will be here in a week or so. ... Gosh! Just the excitement of the anticipation is more than I have felt in years! I should have done this sooner. I feel six months younger already!

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: NYOUNG@nova.wright.edu
Subject: [3669] Crystal set stuff (as in: not about crystals)
Message-ID: <01I0036GNX2494JHVA@nova.wright.edu>

I found this in one of the many buy-and-sell/shop-'til-you-drop newsletters that a co-worker is addicted to reading...

Crystal Set Parts & Plans
Carl & Grace Enterprises
5636 Romeyn
Detroit, MI 48209

Hmmm.... Maybe it's the latest reincarnation of MRL?

73
Nils
WB8IJN
"We don't need no more parking spaces! We just need more Web Sites!"

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [3667] Crystals
Message-ID: <Pine.SV4.3.91.960131173031.19750C-1000000@atl1>

Several people have recently asked about JAN Crystals. They are still in business and even have an 800 number. Someone posted it to the list. However, I have heard that they get \$8-10 for an FT-243 crystal or maybe more. I have been very satisfied with

CW Crystals
570 Buffalo St
Marshfield, MO 65706

He is not real fast. May take 3 - 4 weeks to get the units, but the prices range from \$3 for "surplus" crystals to \$4-5 for special built. They are only .01 percent but this is usually good enough for ham work. I think he builds these in his basement, but that is just a guess. Send an SASE for his list. He has other mountings besides FT-243 but I have a number of glowbug rigs that use the FT-243 type so I just use them in my QRP rigs as well, albeit increasing the size. Also Doug Hendricks has the more miniature crystals for the USA QRP freq of 7.040 for \$3. His info is:

DOUGLAS E HENDRICKS, KI6DS
862 FRANK AVE
DOS PALOS, CA 93620

I have not connection with either of these sources. Good luck.

73/72/jim/w4qo

From qrp-l@lehigh.edu Wed Jan 31 22:13:38 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [3652] Definitions?
Message-ID: <310FAF86.7B2D@lan.nsc.com>

I know what the definition of the power levels are for QRP. Is there is also an "official" definition of what constitutes QRPp (p as in the musical term "piano", right?). Also, is there any such class as QRPpp?

Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

From qrp-l@lehigh.edu Wed Jan 31 22:13:38 1996
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [3684] Delta Loops, fed from bottom

Message-ID: <m0thoLv-0000LBC@rcp.net.pe>

Kevin asked about this one,

If fed at either corner at the base it will be vertically polarized, but polarization on HF, my experience, doesn't make a hill of beans worth of difference on the transmit but does on the noise picked up on the receive! (Vertical picks up more local noise.)

If you can hoist a boom up into the tree you would be better off with a square loop. The bottom boom or spreader can be light PVC pipe and the sides just serve to suspend the bottom part. That will get the center of gravity higher up. Feed it with a 1/4 wave of 72 ohm coax as a transformer because the loop's impedance is usually about 100 ohms (+/-)

Good luck,

Kris
0A4DB0

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: roy.gregson@usfamily.wa.com (Roy Gregson)
Subject: [3625] DOUG HENDRICKS
Message-ID: <9601302300077640@usfamily.wa.com>

Hi gang....Been trying to get in contact with Doug Hendricks, But all E-mail returned undeliverable. Does anyone know his new address, or doug if your there, please give me a E-mail....Roy W6EMT

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3631] DXCC on 40M
Message-ID: <199601311137.LAA13850@chuck.dallas.sgi.com>

Gang,

I knew that would get your attention!!! Yes, it could happen.

Stan "Mr DXCC" Goldstein, N6ULU, has a bunch of countries on 40M and he and I started from scratch in a little race in Oct. I think he has nearly 40 and I have about 25-28. His at QRP

and mine at QRPP.

This a.m. early I picked up 8P9DX on the lower 20KHz of 40M with a crowd about to start up. He was truly 599 and I got a 559, so not bad. Even beat out some QRO types by working in between 'em. :-)

I don't mention this to brag but to let this group know that 40M in the early hours has some really good propagation at this time. Heard JA8EJO and some other DX but didn't go after them. Band was starting to get crowded. Looks like I'm not the only one up early this a.m. Hope that I am not making a habit of this. :-)

Congrats to all on this group for picking up the upgrades to higher class licenses. It shows courage and stamina to go for it. See you on the fox hunt. I know that Stan can hear me. Providing of course the propagation is anywhere near decent.

I'm still working on the calendar in between work. I got the MI stuff from Buck. Anyone else got Afield events other than NorCal in April? I need dates for 1996 and will post 1996 calendar of radio events tomorrow.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Larry East <LVE1@inel.gov>
Subject: [3653] Filters and Ringing
Message-ID: <9601311659.AA08474@garnet.inel.gov>

>From a recent post regarding the RatS... oops! Radio Shack DSP filter:

>Somebody else reported that it did not ring, even in
>the narrow filter position. I can confirm that their
>report is accurate. I have built CW filters using
>surplus telephone toroids (commonly 44mh) and caps,
>and those things ring.
>

Well, I have an L-C filter (using surplus telephone toroids) with a bandwidth of about 200 Hz that I use with my Ten-Tec 509 (see write-up in

July '94 [I believe]) QQ), and it has absolutely NO ringing and very good out-of-passband attenuation.

My point here is that good sharp L-C filters CAN be designed that don't ring. I have nothing against DSP filters -- I have a W9G? DSP filter that I use with my FT-301 and it works very well. It also does not ring and has really sharp "brick wall" bandpass edges (better than what can probably be reasonably achieved with non-DSP filters). It does, however, have some digital noise and limited dynamic range ... problems not found in L-C filters.

The RS DSP filter is not as good as some (most?) others on the market, but if you don't already have an audio filter and can find one at RS for \$40, I say go for it!

72, Larry W1HUE/7

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3650] FOX FRI NITE SPECIAL: schedule
Message-ID: <199601311650.JAA06392@zia.aoc.nrao.edu>

The FOX FRIDAY NITE SPECIAL --Schedule and updates

NA5N and WJ2V will operate a special fox nite, this friday nite, Feb. 2, as follows:

WJ2V 80M FOX* 3.560 +/- QRM 0015-0200 UTC (1915-2100 EST)
3.710 +/- QRM 0200+ UTC * NOVICE/TECH ONLY *

NA5N 40M FOX 7.045 +/- QRM 0115-0300 UTC (1815-2000 MST)
7.140 +/- QRM 0300+ UTC * NOVICE/TECH ONLY *

*Will periodically call on 3579. Will QSY to 40M if no 80M activity.

NA5N Paul Socorro, New Mexico 34 04N -106 54W running 5W
WJ2V Preston Lawrence, New York 40 37N - 73 44W running 5W
(From NA5N to WJ2V is 1864 miles/3000km, bearing 66 deg.,
which of course has nothing to do with anything).

NOVICES/TECHS: Both NA5N and WJ2V will operate in the novice bands as shown above to work NOVICES/TECHS ONLY. Please, only Novices/techs. Slow speed, work a fox for credit and in a QSO format. I have made skeds with 2 novices so far. Please confirm your intention to work

either of us if you can. We'll work the novice band while activity exists.
80M Novice Fox: WJ2V email: pdouglas12@aol.com
40M Novice Fox: NA5N email: pharden@nrao.edu

Propagation looks good for both the Thursday and Friday fox hunts.
Good propagation might help that pip-squeek signal of N6ULU get out!
Propagation predictions courtesy KK6MC follows this post.

72, Paul NA5N and Preston WJ2V

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [3641] FOX SCHEDULE CHANGE in 2 weeks
Message-ID: <9601311511.AA16684@gvlf6-a>

*** FOXHUNT SCHEDULE CHANGE ***

NOTE:: THIS APPLIES TO THE WEEK OF FEBRUARY 12th.. ** NOT THIS WEEK **

I will NOT be unable to keep my originally scheduled FOX appointment on
Thursday evening February 15th (Friday Feb 16 UTC) as posted in the
original FOXhunt schedule... So, I am moving my time up one day to:

Wednesday evening February 14th EST (Thu Feb 15 UTC)

For now, I expect to be on 8-10 PM EST (0100-0300 UTC) but this may change.

So mark your calendars. Another notice with specific times and frequencies
along with any time changes will be sent out later next week.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3651] FRI NITE SPECIAL: Propagation forecast
Message-ID: <199601311651.JAA06430@zia.aoc.nrao.edu>

THE FRIDAY NIGHT SPECIAL Propagation characteristics for the two fox

stations, courtesy of Jim Duffey, KK6MC/5. The Time the MUF reaches the cited frequency is the traditional end of propagation for that path. Note that NA5N times are MST and Prestons' times are EST. Based on current solar conditions and in short, looks pretty good for most areas. These conditions apply fairly close to the thursday nite foxes as well.

CITY	NA5N on 40M TO/FROM NEW MEXICO Time the MUF reaches 7 MHz (MST)	WJ2V on 80M TO/FROM NEW YORK Time the MUF reaches 3.5 MHz (EST)
-----	-----	-----
Anchorage	2030	Above 3.5MHz until 1900
Atlanta	2200	Always above 3.5 MHz
Boston	never below 7 MHz, (optimum at 1900)	1800
Dallas	1730	Always above 3.5 MHz
Denver	Never above 7 MHz	Never below 7 MHz
Hawii	Never below 7 MHz	Never below 7 MHz
Houston	1830	Always above 3.5 MHz
Los Angeles	1845	Always above 3.5 MHz
Miami	Never Below 7 MHz, (optimum at 1900)	Always above 3.5 MHz
Minneapolis	1815	Always above 3.5 MHz
New York City	Never Below 7 MHz	Never below 7 MHz
Phoenix	1600	Always above 3.5 MHz
Salt Lake City	1600	Always above 3.5 MHz
San Francisco	1910	Above 3.5 MHz after 1900
Seattle	2000	Always above 3.5 MHz
Saint Louis	1810	Always above 3.5 MHz
Washington, DC	Never Below 7 MHz, (optimum at 1900)	1800
-----	-----	-----

Thanks KK6MC for the number crunching on the above.
Let's see how true it is. CU friday nite.

Paul NA5N

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: PDouglas12@aol.com
Subject: [3685] Friday Fox on 80
Message-ID: <960131214247_211302340@emout04.mail.aol.com>

I have not heard from any novice/techs thus far. So, unless I hear from any,

I will only operate at 3560 and take fast jumps up to 3579 for the fixed crystal fellas--if any. I hope, though to keep busy at 3560. To recap, I will be on at 7:15 EST. Paul, NA5N will be on at 8:15 EST. The conversions to UTC and other time zones have been done in earlier postings, and I won't risk a mistake by repeating them here!

Preston WJ2V

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: WJ4PRandy@aol.com
Subject: [3643] HW-7 resurection?
Message-ID: <960131103432_210835622@mail02.mail.aol.com>

Hi gang,

Digging through the shack one day I uncovered my old HW-7. I thought I saw someone say something about a mod that replaced the direct conversion rx to (?). What mods were published for this beast?

Thanks in advance for any replies.
Randy, WJ4P

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "Robles Rodriguez, Pablo" <S927153@SARK.UPR.CLU.EDU>
Subject: [3633] HW-8 Lives
Message-ID: <5854DE92DE4@sark.upr.clu.edu>

Hi Gang:

After three months of coma I finally got my rig fixed. The problem was the oscillator FET and the 470ohm resistor near by. I also set up a G5RV dipole, the 51' version, at about 30' off the ground. I'm quite surprised with the ant performance, I worked UT5UIA on 40m the first night with the new ant. Since past negative experiences on 40m I'm really amazed. Guys, do any of you have a suggestion on a good tuner?, homebrew or ready built, since my ET-1 from AEA can't tune on 21mhz. Well thanks in advance for suggestions and hope to meet you on 40m.

73 es gl!
Pablo
WP4JXD

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Chris McCormack <chrismc@eecs.umich.edu>
Subject: [3632] Learning a Bug
Message-ID: <199601311312.IAA09666@dip.eecs.umich.edu>

Besides getting lots of off-the-air practice, are there any good hints/rules on learning to use a Vibroplex bug? (I realize most people would turn to a keyer and paddles, but: 1-the bug appeals to me the same way QRP CW appeals to me; 2-I have a bug to use, with neither a keyer nor paddles in sight.)

Chris McCormack / n0oqt
c.mccormack@ieee.org

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [3686] Marine Deep Cycle batteries
Message-ID: <1402.823142507@safety.ics.uci.edu>

Hello All -

I wrote to the list about maintaining marine deep cycle batteries for keeping my station on the air when the "big one" hits, assuming I survive :-)

I got lots of good replies, a few made it to the list. I would like to summarize (annotate) the 8 or so replies I got that said new things. Any objections? It is not a long file, many have asked to see it.

I just want to know if anyone who wrote to me with solutions would object to seeing their words in my summary (without attribution). If no objections, I will post the summary in the coming day or two.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: JCoote@aol.com
Subject: [3681] More on CW in emergencies.
Message-ID: <960131195205_308696264@emout07.mail.aol.com>

I am a communications technician for a police department and am also in

charge of our disaster communications and "Hamwatch" volunteer program.

My group was using HF to support a special event a few years ago and CW helped us.

Our net was made up of HF stations in our police station, in a city approximately 250 miles away and a mobile HF station roving within a 100 mile radius of the aforementioned city. These three stations had to keep in touch regularly, with occasional help from other stations, over a 24-hour period.

This was not exactly a QRP operation. We had to use the lower bands and NVIS (high-angle) radiation for the coverage we needed. Unfortunately, this event fell on a spring weekend when it seemed like every ham magazine and club in the US had promoted a QRO-SSB contest.

How did CW save our operation? With the QRM (some of it malicious) from contesters and a band of inebrates on 80 meters, we moved the net to some pre-arranged channels in the CW bands. That night conditions became dismal and although the contests and bar-room brawlers went QRT, we still had to rely on CW to get over the noise level and at one point we could only use 160 meters and CW to stay in contact with the mobile.

The ham in our communications van was a good CW operator and had HF radio and net experience from the army. I hope the military still teaches CW, RTTY, data, antennas and HF propagation to its radio operators and is not putting all their eggs in one basket with ComSats.

No war story, but CW saved our little operation.

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Brad Mugleston <bmug@gw1.com>
Subject: [3642] paddle help
Message-ID: <199601311508.AA14941@gp-ipc54.gw1.com>

Good morning,

OK - Got my OHR Explorer II built (my son (13) made the first contact, Denver CO to someplace in WI - 2.3W - Indoor Dipole wrapped around the bedroom - He'd gotten his Tech+ two weeks before - am I a proud daddy or what!!!!!!).

Built inside the II is a OHR Keyer. I was trying it out for the first time last night and I have some questions. WHICH paddle should be the Dah (Ill try to figure out the other one). Built the keyer per the instructions - compared the results to some old notes - but it seems to be coming out backwards. If the instructions are correct on the OHR then the paddle (Whiterook) was wired wrong.

Second question - What exactly are the functions of the WEIGHT controll (doesn't seem to vary anything too much) and what is the difference between Iambic A & B.

All in all it seems to operate OK. It just seems a little more sensitive on the Dit side (for the same amount of pressure/time I get more Dit's than Dah's).

Thanks again for the help.

KB0ROL - Brad and KB0SJY Derek - Keep your ears out for us were trying to get out of town!!!

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "Jim Kortge, NU8N" <jokortge@sun.tir.com>
Subject: [3689] Plessey SL6270C Data Sheet
Message-ID: <9602010244.AB06101@tir.com>

Gang...I would like to find a data sheet on the Plessey SL6270C IC that is used in the Cascade as a microphone amplifier/compressor. Would be more than willing to pay copying costs etc. or if you know of a web site with this info, please send it along.

Thanks to all and 72.....Jim

Jim Kortge, NU8N		Bicycle Mobile Hams
jokortge@tir.com	__o	of America
Fenton, MI	_'\<	Mizuho 17m/40m QRP SSB
.. .. .	(*)/(*)

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3675] Q-dope and TNT
Message-ID: <199601312342.QAA23462@zia.aoc.nrao.edu>

>Ever wonder what the last "T" in TNT stands for...?
>
>73,
>Floyd, KF8AT

Heck, I don't know what the first T stands for!

Paul NA5N

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: kf8at@detroit.ampr.org
Subject: [3673] Qdope - A reaction
Message-ID: <2692@detroit.ampr.org>

This mssg appeared just recently:
Reply-To: harry.bump@hamdata.leba.net
From: harry.bump@hamdata.leba.net (Harry Bump)
Subject: Re: Qdope - A reaction
From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: PeterWK8S@aol.com
Subject: [3660] QRP Banquet Ticket Announcement
Message-ID: <960131141553_210962249@mail06.mail.aol.com>

Attention QRP'rs!! Announcing the 1996 ARCI QRP Banquet. This annual Dayton Hamvention event will be held on Friday, May 17, 1996, 7:00 PM at the Days Inn of Miamisburg, Ohio. An appetizing sit down dinner will be followed by a special guest speaker and awarding of lots of exciting door prizes. Advance tickets required at a 'true qrp' cost of \$13.00. Tickets will be available starting February 1, 1996 from Pete Meier WK8S. Check or Money Orders including a SASE should be made out to Pete Meier, 4181 Rural, Waterford, Michigan 48329. See you there.

Door Prize donations needed please contact Pete Meier WK8S
Club Newsletter Editors please publish this for your readers

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)
Subject: [3672] QRP-NE Patches
Message-ID: <9601312253.AA11326@ig4.att.att.com>

QRP-NE Logo - Embroided Patches (red, white & blue)

are still available.

\$4 ea. or Two for \$6.00 (Postpaid)

Make checks out to:

Bob Moeller KA1PXF
9 Corey Lane
Bennington VT 05201-2116

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: paxton@sound.net (frank paxton iii)
Subject: [3656] request info on best CRYSTAL freqs for QRP
Message-ID: <199601311758.LAA09008@echo.sound.net>

hi !
a few of us here in KC,Mo. are getting ready to make a group buy on QRP
CRYSTALS.
this is a request for INFORMATION rather than 'joiners' to the group buy,
although that is not 'out of the question.'

here 's what i need:

what are the 5 top crystal freqs for QRP on 80m, 40m and 30m ?

any frequencies to AVOID re: broadcast interference, etc. would be appreciated.

ps: novice freqs OK but mostly wanting freqs on and near the 'standard' qrp
calling channels.

for Ike Van Artsdale, wb0aaq, this is ng0n clear !

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: penc@elan.mrwo.mcgill.ca
Subject: [3654] Spare Sierra band PCBs
Message-ID: <9601311743.AA05096@elan.mrwo.mcgill.ca>

Greetings,

Does anyone on the list know if there are any more of the blank PCBs
left that are used for the Sierra? I thought I saw a post discussing
mods to the Cascade that mentioned that there are still some of these
available for a reasonably low cost.

Thanks,

Rich Penc WK2A

penc@radar.mcgill.ca

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: rod@neors.cat.cc.md.us
Subject: [3671] St. Louis tuner kits still available?
Message-ID: <Pine.A32.3.91.960131175656.23992A-1000000@neors.cat.cc.md.us>

I hope this is not a dumb question but are the tuners sould out yet?
Thank's
Rod

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: kf8at@detroit.ampr.org
Subject: [3674] Stat and Stuff (reply)
Message-ID: <2736@detroit.ampr.org>

CW is still the least expensive and most reliable way that amateurs without a common language can communicate!

Chuck and Jim do bring up some interesting points, though.

73,
Floyd, KF8AT

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: rbsparks@iAmerica.net (Robert B. Sparks)
Subject: [3647] Tentec Century 22 FS
Message-ID: <199601311629.KAA14037@ns2.iAmerica.net>

Hi Folks,

I have a nice Tentec Century 22 for sale. Coverage is 10 thru 80 meters with power fully adjustable from 0-20 watts. It has a power/SWR meter, overload circuit breaker protection, adjustable audio filter, RIT, optional internal keyer and the optional internal crystal calibrator. It is a great rig for QRP! It comes complete with the power cord and manuals. Price is \$275 firm shipped (lower 48). Please respond to me directly through email (not through list) or phone number (318) 448-3206.

Bob Sparks AB5ZD
QRP-L #185

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: stan@cruzio.com
Subject: [3627] Thurs fox part deux
Message-ID: <Chameleon.960130232418.stan@cruzio.com.cruzio.com>

Yep.. Time for fun in the midnight sun from Sunny California
(Actually, it's raining pretty hard right now, but I dont want to spoil the myth).

Ok guys, looks like Smitty holds a big lead , but if i work about 75 of you..
Don't laugh .. it could happen (Yeah . Right. If it was a JA pileup in a major contest !)

But anyway, I'll be looking for all u fox chaser wannabe's to try and give you a point.

I'll be pointing this 5 el beam (actually it's 2 el's but the sig I'll be puttin out will make you think it's bigger) mostly east, but ill swing it around from time to time.

Recently made another mod to the NorCAL 40 and now I have to turn it down to 5 watts.

I'll start out at 9 pm Waste Coast time at around 7110 and go for 10 minutes or longer if its productive. I'll come back to you at the speed you call me, so let er rip.. I copied AA4XX last week at 10 mills so I'll hear you !

I'' then move to the vicinity of 7040.

73, 72 , 71 (for all the guys that copies the 10 mill beacon)

Stan , N6ULU
1995 Fox Champion
129 Countries worked w/ the Norcal 40.

E-mail: stan@cruzio.com
From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [3666] Trade for 96 handbook
Message-ID: <Pine.SOL.3.91.960131171451.24283B-100000@lictor.acsu.buffalo.edu>

I am thinking of getting a new ARRL 1996 Handbook.
I have a red "special defense edition" of the ARRL Radio amateur's handbook
"A Manual for Radio Training Courses" published by the ARRL 1942.

It has some plans for some superregenerative receivers. Not much about
solid state stuff though :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [3665] Transmatch parts
Message-ID: <Pine.SOL.3.91.960131170251.24283A@lictor.acsu.buffalo.edu>

I have some new parts for the MFJ differential-T transmatch.

one differential capacitor and one ceramic switch. Both are new and are
the ones that are used in the MFJ tuner.

Also have a used silver plated Roller inductor E.F. Johnson Company Model
226-5

Will trade or take offers.
I could use a 250hz filter for the Icom 735.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [3624] Updated QRP+
Message-ID: <199601310518.XAA18979@alice.adsnet.com>

>The QRP+ will receive 1.8Mhz to 29.7Mhz. In a few weeks a new and improved
>model of the QRP+ will be out. The new price will be \$695 + \$10 s&h. The
>new model will have a hotter receiver, better AGC and a speech processor
>along with new firmware. There are probably other improvements and some of
>the boards have been redesigned. Cost to upgrade an existing QRP+ will
>be about \$250.

What a deal! Raise the price \$100 and charge your loyal customers \$250 to upgrade. It wouldn't have been so bad if I had been able to buy through the original group purchase which involved a decent discount. By the time Index started taking orders for the second group the discount was something like \$10. That was in October. I sure hope Index comes up with a better deal for those of us who recently bought the original QRP+.

72 de Allen, K9DZE
=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal
=====

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: KFGlynn@aol.com
Subject: [3636] Want Small Straight Key and Wire Source
Message-ID: <960131085121_132144730@mail04.mail.aol.com>

Hello Everyone,

Would like to know if you have a small straight key for sale or know of a company selling them. Want to take along a compact key for portable operation.

Also looking for sources for inexpensive stranded wire for antennas. If you know of anybody selling wire at a good price please let me know.

Tnx es 73 de Kevin KB2TE0

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3645] Want to buy
Message-ID: <199601311540.IAA27373@usr2.primenet.com>

Hi gang. I'm looking for Heathkit accessories, specifically the HM-9 wattmeter, HFT-9 tuner and SP-99 speaker. Non-working OK if you have the manuals.

Tnx/73, de Roger, AA7QY
Roger Hightower, AA7QY
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3658] re: ABX modification for the Sierra
Message-ID: <v02130517ad356642814c@[199.170.106.28]>

[Sorry, Paul, I thought you were referring to the Sierra in your previous message.]

On the '40A (either the NorCal or Wilderness version), the trace between X5 and C17 is the one to cut. Then insert the choke between X5 and C17.

I haven't tried this on the '40A yet, so let me know if it works!

73,
Wayne

>On the NorCal 40A Wilderness Schematic, I believe the components may be
>labeled a bit differently. X5 is shown as the BFO crystal, and C17 as the
>BFO trimmer. Anyway, it looks like it is possible to insert the choke
>directly in series with the crystal at two places on the opposite side of
>ground, but I was wondering if it was *before or after* the junction of the
>trimmer capacitor.

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: W Marty Ray/DELCO <WMRAY@mail.delcoelect.com>
Subject: [3646] re:Bugs
Message-ID: <9601311909.AA1301@lnusde.delcoelect.com>

The comments that were posted to the list regarding the negative aspects of using a semi-automatic key are true. A person can send some pretty lousy code with one. Believe me, I've heard it...and done it :)

I want to point out, however, that there are some positive aspects. Using a bug is similar to learning to use a straight key. You are responsible for creating the correct spacing and timing of characters. This does not rule out good sounding code, however. Virtually anyone can develop a "good fist", with some experience. I have heard some guys on the air that made listening to code as pleasant as music. I have also heard stations that were impossible to copy.

The bottom line is that a bug or a straight key is not to blame, it is the guy using it! If you practice, you can be the guy that changes the minds of the nay-sayers.

72 de NN9H, Marty Ray

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: bmitchel@kodak.com (Brad Mitchell)
Subject: [3649] re:Bugs
Message-ID: <9601311644.AA03185@iiatasun.cba.Kodak.COM>

The bottom line is that a bug or a straight key is not to blame, it is the guy using it! If you practice, you can be the guy that changes the minds of the nay-sayers.

72 de NN9H, Marty Ray

Yep, unfortunately 99% of them must not know how..
However I was on 80 meters the other morning, and ran accross a fellow that was using a bug.. the only way I knew was he told me..
Now what exactly is he doing that nobody else seems to be..

I find it hard to listen to the bug cw that has that funky town tune

wanting to break out in the back of my mind every time I hear it.
My brain trys to multi task unsuccessfully.. :-)..

73 Brad WB8YGG

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [3662] re:Bugs
Message-ID: <v02130508ad3528543f92@[129.74.35.16]>

So, what's the difference between complaining about someone sending poor code on a bug and complaining about someone using poor spelling on typewritten medium such as e-mail?

Both phenomena make it difficult to understand the person's message.

72

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Hank Kohl <k8dd@sun.tir.com>
Subject: [3678] re:Bugs
Message-ID: <9601312355.AA19198@tir.com>

At 11:14 01/31/96 EST, you wrote:

>The comments that were posted to the list regarding the negative
>aspects of using a semi-automatic key are true. A person can send some
>pretty lousy code with one. Believe me, I've heard it...and done it :)
>

>I want to point out, however, that there are some positive aspects. Using
>a bug is similar to learning to use a straight key. You are responsible

>for creating the correct spacing and timing of characters. This does not
>rule out good sounding code, however. Virtually anyone can develop a
>"good fist", with some experience. I have heard some guys on the air
>that made listening to code as pleasant as music. I have also heard
>stations that were impossible to copy.

>

>The bottom line is that a bug or a straight key is not to blame, it is
>the guy using it! If you practice, you can be the guy that changes the
>minds of the nay-sayers.

>

>72 de NN9H, Marty Ray

>

>

>

I think to sum it up -----

If you call CQ with a bug and get an answer, you probably sound somewhere
between decent and darn good. If no one answers your CQ either you really
don't know how to use the bug, or your radiator isn't!

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@tir.com

*/ MI-QRP QRP-ARCI G-QRP NorCal

*/ ARRL/LM QCWA/LM QCAO/LM

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996

From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>

Subject: [3680] Re: Bugs

Message-ID: <344.823133171@safety.ics.uci.edu>

> The bottom line is that a bug or a straight key is not to blame, it is
> the guy using it! If you practice, you can be the guy that changes the
> minds of the nay-sayers.

....

Brad writes:

> Yep, unfortunately 99% of them must not know how..
> However I was on 80 meters the other morning, and ran accross a
> fellow that was using a bug.. the only way I knew was he told me..
> Now what exactly is he doing that nobody else seems to be..

Absolutely. As a former bug user, and in the CW game back when bugs
were prevalent, they work just fine. And, properly used, it is not

easy to tell the difference....style does not need to be distracting. They are not hard to use, either....but today we learn to use other things first, and learning a bug in addition may turn out to be more of a task that way.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [3682] Re: Bugs
Message-ID: <368.823133530@safety.ics.uci.edu>

> I want to point out, however, that there are some positive aspects. Using
> a bug is similar to learning to use a straight key. You are responsible
> for creating the correct spacing and timing of characters. This does not
> rule out good sounding code, however. Virtually anyone can develop a
> "good fist", with some experience. I have heard some guys on the air
> that made listening to code as pleasant as music.

The other positive aspect, lost in many discussions, is that at one time I could tune the band and "find" my friends on CW. Really. I could identify them by their fists. Bug or hand key, I could tell who they were by a quick listen. That is now missing with the keyers that mask individual intonations and style. Sometimes I long for those times :-), and have been using my little Spanish handmade hand key to put my style back out on the air.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [3638] re: CW IN EMERGENCIES
Message-ID: <9601311400.AA10358@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: CW IN EMERGENCIES

Just to put my two cents in, I have to agree with the earlier post about our tendencies to overrely on technology.

I'm a retired Navy Chief Electronics Technician, and several years ago (1979)

went to sea on the USS Tulare. The week we were at sea, the communications satellite was shut down for periodic maintenance, cycling the batteries to improve charge, I believe. This left the radiomen with the option of falling back to operating manual teletype to send and receive messages. I've never seen such a mess in my life! They were lucky to be able to communicate at all. What was once everyday and commonplace for radiomen, became almost unworkable. And all because they had come to rely entirely too much on the high tech satcomm with it's computerized message switching. I made the comment at the time that the first thing that the Russians would do in time of war was shoot down our satellites. Then where would we be if we no longer had the ability to communicate by other means.

What has made this hobby great is our ability to communicate via any number of means, old and new alike. Do we all have to like and be proficient in CW? Naw. But a rudimentary knowledge makes the hobby as a whole better for it.

73's

Brad, WB0CGH

Brad Bradfield, PE
108 Forestwood
Corinth, TX 76205

Electrical Design Engineer
Texas Instruments, Inc.

QLF@MSG.TI.COM

(H) 817-321-2960
(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

Murphy's Second Corollary: Everything takes longer than you think.

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: N5EM@aol.com
Subject: [3623] Re: CW on emergencies
Message-ID: <960130231413_307946916@mail06.mail.aol.com>

In a message dated 96-01-30 17:43:51 EST, you write:

>
>While technology allows use to do many wonderful things, we had best be
>cautious of becoming too dependant on it.
>
>My apologies for the bandwidth.
>
>cheers, Paul
>VE7CQK

Eloquently said, Paul. Many of us agree entirely.

Ed Manuel, N5EM

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [3634] Re: CW on emergencies
Message-ID: <199601311333.IAA103206@nss2.CC.Lehigh.EDU>

At 17:39 01/30/96 EST, you wrote:

>Hi Pat

>>

>> At 15:20 01/30/96 EST, you wrote:

>> >Recently there was a note that during emergencies one ham had not heard
>> >anyone requesting that they go to cw.

>> >

>> <War story deleted>

>>

>> I don't see what one has to do with the other. Your typical hurricane or
>> flood doesn't get a lot of military jamming and battery operation isn't
>> something exclusive to CW. Besides -- I can't help but think your subject
>> would have done better with AMTOR or packet (like the guy hiding out in
>> Kuwait during Desert Storm.)

>

>My concern with your position is the apparent over reliance on technology.

I don't think you know what my position is. My message was just saying that
your war story was not a valid reply to someone commenting that nobody had
ever asked for CW ops during an emergency. He was talking organized
emergency response team, you were talking operation in a war zone with
Roswellian overtones of government supression.

For the fate of CW, I stand with Omar on the subject:

The Moving Finger writes; and, having writ,
Moves On: nor all your Piety nor Wit

>>>==>PStJTT

Advancements in technology are, for the most part, in answer to a need, often economic, but oftentimes to make our lives more comfortable or entertaining.

Oftentimes, it is to improve reliability. This is the situation, in my belief, that has made the reliability upon using Morse code, particularly in emergency situations, a thing of the past. It is a dicotomy, particularly with respect to CW, that proven technologies, which are apparent to all other users of the spectrum, seemingly have difficulty in being accepted by certain segments of the amateur community. In other words, if indeed the Morse code is the fall back technology when all else fails, this viewed is not shared whatsoever by all other users of the radio frequency spectrum. Let me be blunt, amateur radio to us is a hobby. However, to other users of the radio frequency spectrum, radiocommunications is a matter of life and death and Morse code is longer in the picture, even as a back-up.

I do not wish to discount anyone's desire that they see that learning Morse code is desirable because it engenders satisfaction. Furthermore, there are many who enjoy Morse code and they rarely if at all engage in any other form of communications. But these needs have yet to provide a convincing argument that Morse code testing should be integral to the certification of the competency of an individual to operate an amateur station.

I believe that Paul's argument that because we cannot decode Amtor signals with out the benefit of technology is disengenous at best. For that matter, it is that same technology that allows us to build and construct these same little QRP rigs which allow us to do things that would be unheard of just a few years ago. For example, it would be a heck of a lot more difficult to operate battery powered QRP with tube technology -- it can be done, but with the advent of interagted circuits (which by the way fulfilled a need in the advancement of computers and the like), it is within the purvue of any amateur to operate with a little rig on a picnic bench in the middle of nowhere. To restate my point - it is inconsistent to disdain certain technologies yet at the same time, use them with glee. I am sure that those who have recently bought the QRP+ from Index Labs would only have to agree.

If I may be so bold to examine Paul's other analogies, they do not stand the test of examination either. Although the plow is the foundation of our agriculture, no longer are they pulled by oxen, but by modern machinery. I stand to be corrected,

not one plow sold today could even be hitched up to a horse or ox. With respect to the foot soldier in the army, he/she no longer stands up in a group and fires on the order of the platoon commander. In fact, today's soldier is indeed a user of digital technology with computer controlled tank weapons, GPS and guided missiles. Would anyone care to propose that soldiers should continue to be trained in the art of sword-play or javelin throwing? I think not.

For that matter, we are heavily dependent upon technology. The greatest evidence is that we are all users of e-mail and Internet. Saying that we should not become too dependent upon technology is somewhat like saying that we can't take a shower because we might become wet.

This has been an interesting discussion. I hope that it will not turn into mud slinging matches as what is often seen in the newsgroups

73 and live better digitally
Jim, VE3XJ

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3661] Re: Definitions?
Message-ID: <199601311919.TAA14562@chuck.dallas.sgi.com>

Dave et.al.,

QRP <= 5.0 Watts output (CW)
QRPp < 1.0 Watts output (CW) a.k.a. milliWattting

Don't think we want to further subdivide unless you want

microWattting to be <1.0mW

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [3676] RE: Distance Scoring
Message-ID: <199601312343.SAA25812@nss2.CC.Lehigh.EDU>

At 12:19 AM 1/30/96 -0600, you wrote:

> I don't know what the big squabnle about use of FM during contests is, as I personally think it is a miracle in it self just to get these guys off of the repeaters. To many of the hams today don't think they can talk to anyone without the local repeater. It is up to us the true VHF/UHF operators to show them what can actually be done on these bands and hopefully move some of them over to SSb and CW. It would be nice out here in sparse West Texas to have a few folks to work period whether they are rovers, on FM or whatever. when we can work a full contest and if we are lucky get 50 qso's on 3 bands, we need everything we can get. To let you know I don't have a very well equipped station on 2m only run 170 watts into 18 elements at 60 ft. Just my \$0.02 worth.

I can see merit on both sides of this issue. Out here in the urban sprawl of LA, Orange County and the Inland Empire, one could probably grab a lot of points without ever leaving FM. Also, there would be numerous local SSB/CW operators, with the opportunity to garner more grids fairly easily. In general, though, those of us living west of the Mississippi are at a disadvantage overall, as compared with, say, NY-NJ-New England with its higher population density.

I suppose you could say that we are somewhat on par with the New england area, in which case both areas are doubly blessed. OTOH, someone living in the center of the US, Alaska or Hawaii would definitely have a problem.

I enjoy contests, and don't worry too much about the bottom line. As far as a club event, such as Field Day, our club members are satisfied enough being able to participate, and to see our score in QST. Some may want to see how we did compared with the other local clubs, but no one expects to place first.

73 de Jim - KF6CR

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [3657] Re: HW-7 resurection?
Message-ID: <199601311824.LAA19557@lynx.csn.net>

I made most of the published mods to my HW-7 several years ago, new front end etc. I did not think they were worth the effort. The quality of the QRP stuff now, NorCal, OHR etc., is so much better you will be disappointed. The Heath collectors will pay you enough for yours to easily buy one or perhaps two of the new kits, or keep it yourself but save the effort. IMHO.

72, Bob KI0G

>Hi gang,
>
>Digging through the shack one day I uncovered my
>old HW-7. I thought I saw someone say something
>about a mod that replaced the direct conversion rx
>to (?). What mods were published for this beast?
>
>Thanks in advance for any replies.
>Randy, WJ4P
>
>
>
QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [3635] Re: Learning a Bug
Message-ID: <199601311342.IAA96543@nss2.CC.Lehigh.EDU>

> Besides getting lots of off-the-air practice, are there any good
>hints/rules on learning to use a Vibroplex bug? (I realize most
>people would turn to a keyer and paddles, but: 1-the bug appeals
>to me the same way QRP CW appeals to me; 2-I have a bug to use,
>with neither a keyer nor paddles in sight.)

>

Maybe you should try working a few bug operators to get a sense of it. Then go buy a straight key.

Besides off-the-air practice, I would recommend off-the-air operation. Bugs are like banjos -- an annoyance to everyone except the person playing it, they make a sound not found in nature. If you must bug, and you feel you must bug others, get a set of auxillary weights for the vibrating arm and load them on until the dits seem to come out half as fast as you're comfortable sending them. Then adjust your dahs accordingly and stay above the local MUF when you operate until you have 1,000 hours of operating experience.

Not that I have strong feelings on the subject.

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax:   (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                Also known as: KC1TD
```

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3637] Re: Learning a Bug
Message-ID: <Pine.3.89.9601310826.A2109-01000000@w3eax.umd.edu>

Patrick's comments were MAYBE a little strong, but it is true that a bug is a tough thing to master, and, potentially, a tough thing to copy. I have an MFJ Pacesetter (Bencher with keyer on top) and it has a "semi-automatic" mode, which emulates a bug. Even THAT takes a lot of getting used to, making dahs yourself and having it make a million dits automatically...

And these dits are electronic and predictable...yes, bugs do sound kinda strange on the air, but if you have the gumption to try it, more power to ya. You have my support.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

If you practice with your bug until you can have your computer "read" what you are sending, you will be in good shape.

If your sending, with anything, bug, hand pump or keyer, can not be read by a computer, you need to practice some more!

Extra weight to slow the arm down is good advice. Make that bug sound just like a tape machine.

When you are on the air and someone thinks you are using a keyer you sure feel good. It's an art that is dying. Good luck, cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
...ku7y@sage.dri.edu.....Sun Valley, Nevada....
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@lehigh.edu Wed Jan 31 22:13:38 1996
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [3629] Re: LOOPS AND OTHER ANTENNAS
Message-ID: <Pine.SV4.3.91.960131024103.441B-100000@atl1>

Kevin. For a vertical loop to have vertical polarization, it should be fed one quarter wave down one side of the triangle assuming it has one corner at the top and the other two parallel to the ground. It works great that way. It probably can be fed at the corner with very little difference in results if that is easier, but I feed it .08 wavelength up from the bottom corner and .25 wavelength down from the top.

73/72/jim/w4qo

On Mon, 29 Jan 1996 KFGlynn@aol.com wrote:

> I would like the loop to be vertical if I can get a tree high enough to
> support the apex of the delta. If I bottom corner fed it it should be
> vertically polarized. Any idea on how that would go?
>
> Tnx es 73 de Kevin KB2TE0

From qrp-l@lehigh.edu Wed Jan 31 22:13:38 1996
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [3628] Re: misc qrp stuff
Message-ID: <Pine.SV4.3.91.960131021749.27858K-100000@atl1>

John and the list,

1. I would try CW Crystals in Marshfield, MO. He can do you FT243 crystals for \$4 or 5 bux and a lot cheaper than JAN who is still in business. I've got the street address around here somewhere, but I can't find it right now! Email me back it should be coming to the top of the stack soon!
2. Pixie is a small transceiver using a couple of transistors and a integrated circuit.
3. Look at "honey, I shrunk the antenna" in (I think) the May, 1993 issue of QST for some nice small antennas. I have not tried but thinking about it.

73/72/jim/w4qo

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "rick" <rick@dns.enter.net>
Subject: [3648] Re: misc qrp stuff
Message-ID: <199601311634.LAA07738@dns.enter.net>

> > Reply-to: jmckee@rfmd.com
> > From: John Mckee <jmckee@rfmd.com>
> > To: Multiple recipients of list <qrp-1@lehigh.edu>
> > Subject: misc qrp stuff
> > Date: Tue, 30 Jan 1996 08:05:33 EST

>

> Gang,

>

> I'm looking for a few bits (or is that dits?) of information.

>

> 1. Does anyone have an address for JAN crystals or any other
> supplier of crystals?

>

> 2. What is a Pixie? I have heard references to it but have never
> actually
> seen one.

>

> 3. Who has experience with small loop antennas for transmitting and
> receiving? I am looking for any info I can find. What are your
> opinions?

>

> Please reply to: jmckee@rfmd.com

>

> Thanks and 72

>

> John WB4OFT

I don't have the address or phone number handy, but Bomar Crystal in Middlesex, NJ makes just about any crystal and the prices are pretty good. I work a few miles away from them and go there in person from time to time. The area code for Middlesex is 908. I also believe they advertise in QST or CQ. Hope this helps

72/73

Rick

N3MHW

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996

From: Jim Stafford-W4QO <w4qo@america.net>

Subject: [3626] Re: Most expensive qrp rig!!...

Message-ID: <Pine.SV4.3.91.960131021037.27858J-1000000@atl1>

Dave, I don't know about that being the most expensive QRP rig. A friend of mine, W8BLA, brought to Atlanta a rig he picked up in Germany which I think was a single band (20 m) QRP rig and I believe it was \$8,000. I may have this all wrong. Perhaps some of our DL members have seen this rig. I don't recall its name or details and not sure BLA bought it or just "borrowed" it until his next trip over.

73/72/jim/w4qo

On Tue, 30 Jan 1996 RUNK@accuwx.com wrote:

> Just thought the gang might enjoy knowing the IC-765 can be turned down to run between 2-30w by R-138 underneath on the "main PCB" nearest the PCB edge. I have the service manual and makes a simple adj. for qrp!.

72's -dave -aa3ej Runk@AccuWx.com

>

>

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996

From: "Richard Hieber" <Richard.Hieber@rrze.uni-erlangen.de>

Subject: [3639] Re: Most expensive qrp rig!!...

Message-ID: <1756E186021@isis.rrze.uni-erlangen.de>

Hi all,

Jim wrote:

> Dave, I don't know about that being the most expensive QRP rig. A friend
> of mine, W8BLA, brought to Atlanta a rig he picked up in Germany which
> I think was a single band (20 m) QRP rig and I believe it was \$8,000. I
> may have this all wrong. Perhaps some of our DL members have seen this
> rig. I don't recall its name or details and not sure BLA bought it or
> just "borrowed" it until his next trip over.
>
> 73/72/jim/w4qo

I think I know what rig you are talking of. A guy with the name of
Helmut Bentevoglio (hope I remember that correctly) designs and
builds little short wave rigs. He has several different models, most
of them monoband. I've seen them on display at several hamfests in
Germany. The engineering apparently is superb, both mechanically and
electrically. Components are first class. The circuit boards are gold
plated (or so they say). I think the price for one monoband rig,
batteries included, is in the 3.000 dollar range, so the price you
quoted must be for a multiband rig.

Don't even ask if it comes as a kit, too ... ;-)

Vy 72,
Richard

--

Richard Hieber, DL8MFQ/AA8CP
EMAIL: Richard.Hieber@rrze.uni-erlangen.de

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [3670] Re: New Kent key to be announced ...
Message-ID: <2.2.32.19960130225600.00b51764@public.compuser.net>

Dan,

Do you have a mailing address, phone number, WWW connection (doesn't
EVERYBODY) for R.A. Kent?

I'm very interested in the news of a capacitance paddle with built in keyer
- I've thinking (just never get around to building) exactly such.

Thanks ahead of time and all that jazz.

73/72 Bob V01DRB/WA6ERB

At 22:01 1/29/96 EST, you wrote:

>Hi,

>

>I spoke with the folks at R. A. Kent in Mt. Ida, AR, today about the
>fine twin paddle key I just received. They were telling me something
>that will be interesting to you backpackers who don't have the \$10
>plastic keys and a KC1 in your rigs. They are soon to announce a
>very light key that works on capacitance (no moving parts) and has a
>built-in keyer.

```
-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@nfld.com |  
|                bgobrick@nlnet.nf.ca |  
| Compuserve:   70466.1405@compuserve.com |  
-----
```

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996

From: "Robert J. Gobrick" <rgobrick@nfld.com>

Subject: [3679] Re: paddle help

Message-ID: <2.2.32.19960131001237.00b6b7e0@public.compuserve.nf.ca>

Hi Brad and Derrick,

Congratulations on the OHR Explorer II - I have one here that I need to build.

Now to your question:

>WHICH paddle should be the Dah (Ill try to
>figure out the other one). Built the keyer per the instructions -
compaired the results to some old notes - but it seems to be coming out
backwards. If the
>instructions are correct on the OHR then the paddle (Whiterook) was wired
wrong.

Actually a good question but you asked it wrong - It should have been which
one is the Dit paddle? Actually by the Old bug standards the Dit paddle is
the one actuated by your thumb and the Dah by your first finger. So if you
are right handed ... you get the idea. But here is the twist - if you are
right handed AND you want to use that hand to write with then some folks
(Well how about it Chuck) have taught themselves to key with their left hand
- But, But, they key the Dah paddle with their thumb and dit with their
first finger - confused (Don't worry there are not too many folks like this...).

Now for your second half of the question - the Whiterook paddle is wired backwards for the general convention of dit for the tip and dah for the ring. This is OK if you have an MFJ keyer which are ALWAYS backwards but any other keyer (like OHR) will make the Whiterook backwards - (WHAT, you're still confused).

Solution - both you guys teach yourself using your opposite hand and what ever feels comfortable (dit:thumb & dah:first finger). This will set an example for the rest of us who "just don't seem to get it..)

Good luck and have fun 73/72 Bob V01DRB/WA6ERB

At 10:22 1/31/96 EST, you wrote:

>Good morning,

>Built inside the II is a OHR Keyer. I was trying it out for the first time last night and I have some questions. WHICH paddle should be the Dah (Ill try to

>figgure out the other one). Built the keyer per the instructions - compaired the results to some old notes - but it seems to be coming out backwards. If the

>instructions are correct on the OHR then the paddle (Whiterook) was wired wrong.

>KB0ROL - Brad and KB0SJY Derek - Keep your ears out for us were trying to get out of town!!!

>

>

```
-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From qrp-l@lehigh.edu Wed Jan 31 22:13:38 1996

From: "Robert J. Gobrick" <rgobrick@nfld.com>

Subject: [3683] Re: paddle help

Message-ID: <2.2.32.19960131013723.007007e0@public.compuserve.nf.ca>

Hi Dave,

What a challenge - to see if it is possible in this "rigid" world we live in

to break the "deadly spiral of life's monotony" and learn something new - untainted by the old timers and soothsayers. Alright enough :^)

I tell you what the (my) "standard" is and you take it from there:

The standard iambic keying convention is thumb to dit paddle and first finger to dah paddle - no matter if you are left or right handed. This comes from the old style "bug" keyer where you used the thumb to make the automatic dits and you used your first finger to make the dahs manually. I've never seen a survey but I suspect 90 % of hams (is that a good population group) do it that way.

The next "so-called" convention is that the dit paddle (for right handers that is the left paddle) goes to the tip and the dah paddle (right paddle) goes to the ring of the plug. That is a standard that again came from the old bug and the early curtis chip schematics and I believe all the commercial rigs are configured that way. For whatever reason, MFJ (which sell a lot of keyers) did the reverse for the input to their keyers (I always rewire my MFJ keyers - even the built in one in my MFJ-9030). I also always make sure my keys are wired as above so I can, at will, change to any of the 5 iambic key in my shack (I sometimes take my socks off and use two keys for true "duplex" cw :^) By the way I rewired my Whiterook keyer from day one to "conform" to my "standard"

Dave - if you don't mind I'd like to post part of your message and my answer and see what "other standards" are out there as far as iambic keyers go.

Also how many folks have trained themselves to key with their opposite hand so they can use their "good" hand for tuning and logging with pencil (keyboard cw types please don't respond...). This is something I always wanted to teach myself to do - is there still time for me!!!

Good luck and just "enjoy" no matter what.

73/72 Bob V01DRB/WA6ERB

PS: You mentioned your keys but you didn't mention your keyer - bet you it's an MFJ - you now know how I know!

At 18:03 1/31/96 -0800, you wrote:

>Bob,

>I bought a Vibroplex Racer a month ago and then more recently a
>Whiterook paddle for field use. I wired the Vibro up with the right
>paddle for dit and the left for dah as this, after a little
>experimentation, seemed to be most ergonomic to me (a right hander,
>using right hand to operate - thumb = dah, 1st finger = dit). I made

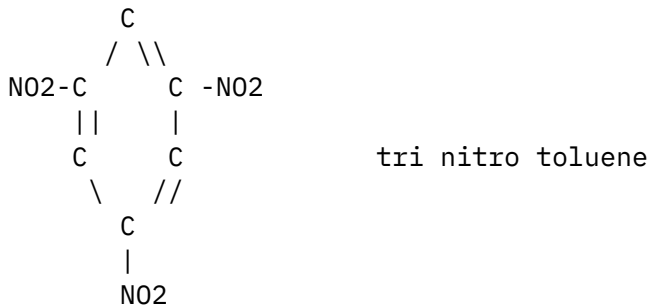
>the tip of the jack dit. Then I started to "learn" how to use it.
 >When I got the Whiterook paddle, it was wired with right paddle
 >(dit, as far as I am concerned) connected to the tip. This fitted
 >straight into the convention I had developed.
 >
 >The question is,... Should I fly in the
 >face of convention and stick with what I have found to be ergonomic?
 >Will I have trouble operating other peoples gear at, say, field
 >days? (Perhaps I need to make a dit/dah gender changer lead to carry
 >around with me?)
 >

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@nfld.com
bgobrick@nlnet.nf.ca
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
 From: Raymond Sommers <rsommers@worf.uwsp.edu>
 Subject: [3692] Re: Q-dope and TNT
 Message-ID: <Pine.BSI.3.91.960131214737.8237A-1000000@worf.uwsp.edu>

On Wed, 31 Jan 1996, Paul Harden wrote:

>
 > >Ever wonder what the last "T" in TNT stands for...?
 > >
 > >Floyd, KF8AT
 >
 > Heck, I don't know what the first T stands for!
 >
 > Paul NA5N
 >



Ray WB9LKC the Little Known Chemist

^ ^ ^

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: JDuffy@aol.com
Subject: [3664] re: QRP+ Upgrades
Message-ID: <960131154324_211018336@emout05.mail.aol.com>

>What a deal! Raise the price \$100 and charge your loyal customers \$250 to
>upgrade. It wouldn't have been so bad if I had been able to buy through the
>original group purchase which involved a decent discount. By the time Index
>started taking orders for the second group the discount was something like
>\$10. That was in October. I sure hope Index comes up with a better deal
>for those of us who recently bought the original QRP+.

I think it is a deal. How many other manufacturers even offer to upgrade a
rig, computer, etc. at all for any of their "loyal" customers. Index is the
ONLY ham radio related manufacturer that has offered to do this. For \$250 he
is going to pull some if not all of the boards and replace them with the new
boards. Of course the old boards are no good to him anymore. Figure his
labor and \$250 looks like a steal to me.

We can't expect everything for nothing, or virtually nothing. Bruce is a
small business and produces a great product. Why do you expect him to do
things that even a very large business won't do. The QRP+ is a good rig in
its original version. If you don't want to upgrade, you still have a good
rig and got it at a good price, even if it was \$595 and not discounted.

Regards,

Duffy - WB8NUT

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3644] Re: QRP-L trivia
Message-ID: <199601311539.IAA03291@zia.aoc.nrao.edu>

Andy,
Congratulations on upgrading to advanced class. It is an accomplishment
you have every right to be proud of. 13 yrs old is when I got my
novice and been a ham ever since. During Junior High and High School,
in retrospect, ham radio kept me out of trouble with something very

constructive to do, plus launched me on a career in electronics. It's still a very enjoyable hobby for me, and likely will bring you years of enjoyment as well.

So again, congratulations on your new ticket, Andy.

Paul NA5N (ex-WN0NOW)

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: NYOUNG@nova.wright.edu
Subject: [3668] Re: request info on best CRYSTAL freqs for QRP
Message-ID: <01I002NZ6WLY94JHVA@nova.wright.edu>

One bunch asked about crystals for QRP. Another person asked about JAN crystals' address. Two stones, one bird:

CW Crystals
570 N Buffalo St.
Marshfield, MO 65706.

More or less along these price lines: FT243 holders, .01%, 7-8 MHz fundamentals, multiply-able for other bands, about \$3.45 each, 50 cents per crystal postage.

FT243 holders, .01% for 30m, about \$4 each, less in quantities over 5 (also applies to the 7-8 MHz rocks.)

Many other xtals available, along with lots of xtal circuit info and ideas. Best to get a list from the proprietor himself.

I have put in an order for a handful of crystals from this firm and, for what I've got on order, I figure that I got off easy. JAN xtals wants about \$25 per FT243 made to order. The cost of other xtals in other holders is lower, but not as low as CW Crystals. And CW Crystals also has crystals for the VLF/ELF range, should you be interested in that... which is where we all know CW will reign supreme after the world changes over to digital... like the Lauri Anderson bit about everything and everyone becoming digital... as in "human resources," which is a management term for shoving people into boxes 'cause we ain't none of us people any more... we're all digital.

73
Nils
WB8IJN

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: Steve Thompson <kj7dn@primenet.com>
Subject: [3691] Re: St. Louis tuner kits still available?
Message-ID: <Pine.BSD.3.91.960131205118.19611C-100000@usr3.primenet.com>

On Wed, 31 Jan 1996 rod@neors.cat.cc.md.us wrote:

> I hope this is not a dumb question but are the tuners sould out yet?
> Thank's
> Rod
>

Hi Rod:

I'd imagine there's still some left ... I got my confirmation letter today, and mine is #213!

73

```
+-----+
| Steve C. Thompson - KJ7DN      /      E-mail  kj7dn@primenet.com |
| Manager of Info. Technology    /      steve@cpginc.com          |
| Continental Promotion Group    /H      |
| Tempe, AZ, USA                H      Proud builder of the OHR   |
|                                H      WM-1 and Explorer II 40M    |
|                                H      |
| 602.731.3535                  H      QRP-L #259 - ScQRPions #1  |
|                                H      NWQRP #387 - NorCal         |
+-----+
```

From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: JKXM17A@prodigy.com (ALLEN SMITH)
Subject: [3687] Re: Ten Tec Corsair Wanted
Message-ID: <097.00032253.JKXM17A@prodigy.com>

I recently advertised on rec.radio.swap for a Corsair. I found 2 of them and bought 1. Below find the second one, which may interest someone here on the list who is looking for a Corsair to run QRP.

72/Allen - AA0YU

--[FORWARDED PRIVATE MESSAGE]-----

To: JKXM17A
From: David Werner
Subject: RE: TEN TEC CORSAIR WANTED
Date: 01/22/96 10:11 AM

I have a very complete Corsair I in excellent condition. It has all the IF filters: the 2400, 1800, 500 and 250 hz "second" filters And the 8 pole 2400 "first" filter (later to become standard in the Corsair II). I also have the matching external VFO (with the great mixing circuit!), the matching power supply/speaker and of course all the manuals.

I'm asking \$750 plus shipping for all.

If you want the ultimate Corsair this is it.

BTW I was about to contact Ten Tec about trading it in towards an Omni VI so please let me know either way soon.

Thanks,

Dave Werner (AA90L)

----- Original message header follows -----
>From werner@itis.com Mon Jan 22 10:11:57 1996 [PIM 3.2-334.50]
Received: from tower.itis.com (tower.itis.com [205.243.195.7]) by
pimaia1y.prodigy.com (8.6.10/8.6.9) with ESMTP id KAA120948 for
<JKXM17A@prodigy.com>; Mon, 22 Jan 1996 10:11:25 -0500
Received: from c9.itis.com (c9.itis.com [205.243.195.138]) by
tower.itis.com (8.7.1/8.7.1) with SMTP id JAA13739 for
<JKXM17A@prodigy.com>; Mon, 22 Jan 1996 09:11:23 -0600 (CST)
Message-Id: <199601221511.JAA13739@tower.itis.com>
From qrp-1@lehigh.edu Wed Jan 31 22:13:38 1996
From: David Werner <werner@itis.com>
Subject: Re: Ten Tec Corsair Wanted

----- End of message -----

ATTACHMENT

From: ()
Sent On: 01/22/96 at 10:11 AM
Subject: